

## Advanced Biology:

### Organic Molecules Concept Map Outline

#### 3.1 Concept Map Outline

- I. Inorganic vs. Organic Molecules
- II. Biomolecules (what are they?)
- III. Carbon Atom
  - A. Six functional groups:
    - i. Hydroxyl
    - ii. Carbonyl
    - iii. Carboxyl
    - iv. Amino
    - v. Sulfhydryl
    - vi. phosphate
  - B. Hydrophobic vs. Hydrophilic
  - C. Isomers
  - D. Polymers vs. Monomers
  - E. What is an enzyme
  - F. Dehydration vs. Hydrolysis reactions

Add a text box summarizing how monomers and polymers are created/destroyed and what an enzyme is and its normal functions